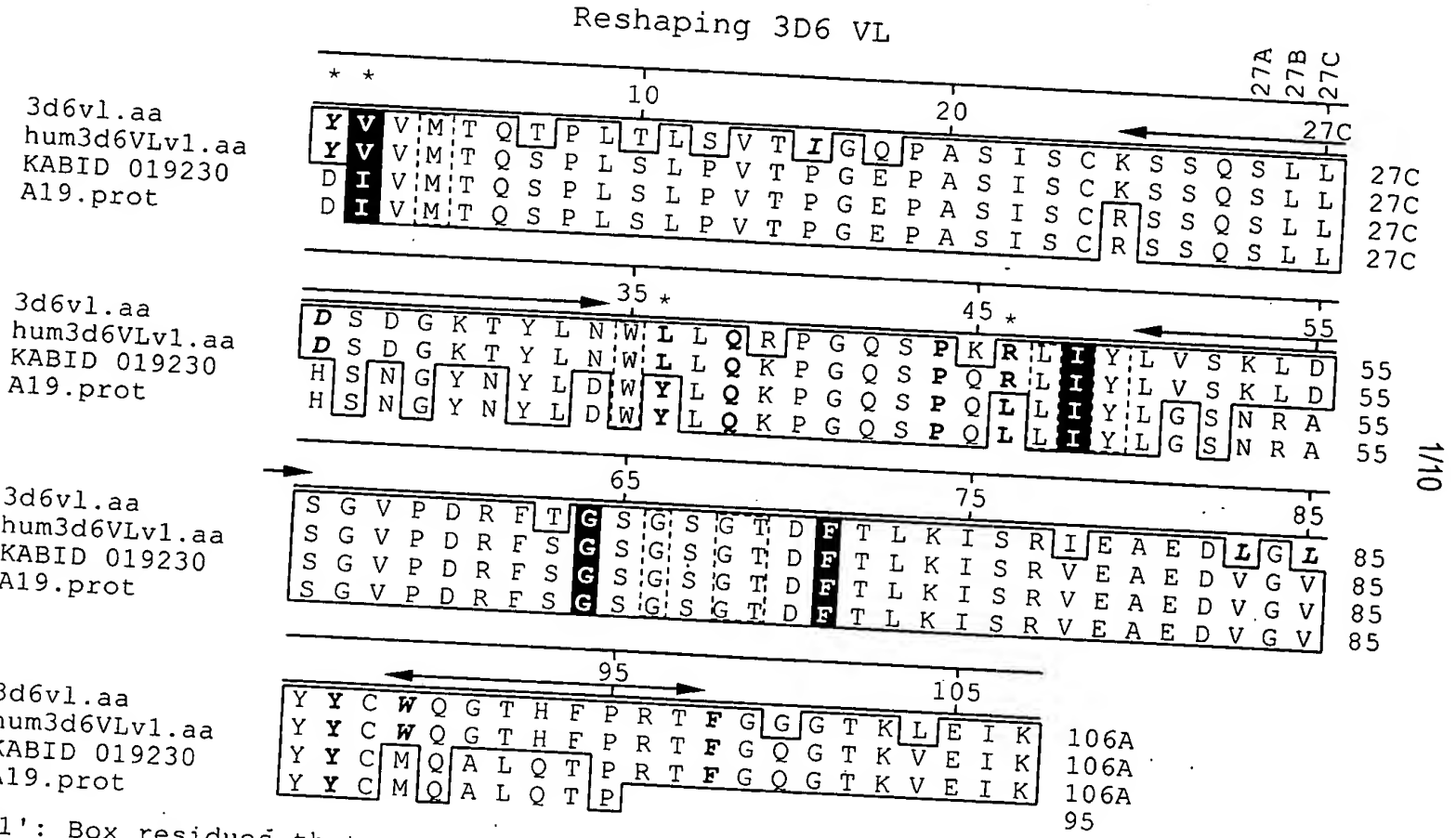
T0902T: 2h6OT00T

FIG. 1



'Decoration #1': Box residues that match hum3D6VLv1.aa exactly. Residue numbering cf Kabat

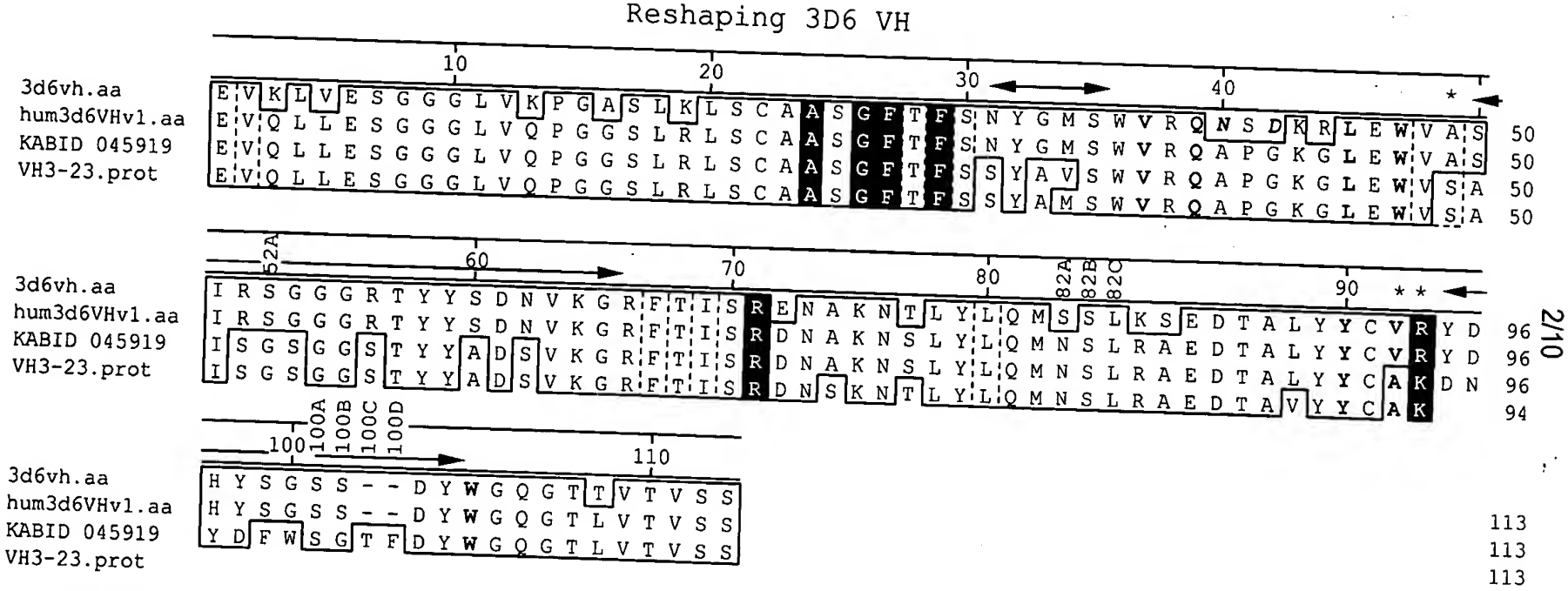
3d6v1.aa - Donor murine sequence

KABID 019230 - human acceptor framework

hum3d6VLv1.aa - humanized 3d6

A19.prot - human germline VH

FIG. 2



'Decoration #1': Box residues that match hum3d6VHv1.aa exactly. Residue Numbering cf Kabat

3d6vh.aa - Donor murine sequence
hum3d6VHv1.aa - humanized 3d6 VH
KABID 045919 - human acceptor framework
VH3-23.prot - human germline VH

FIG. 3A

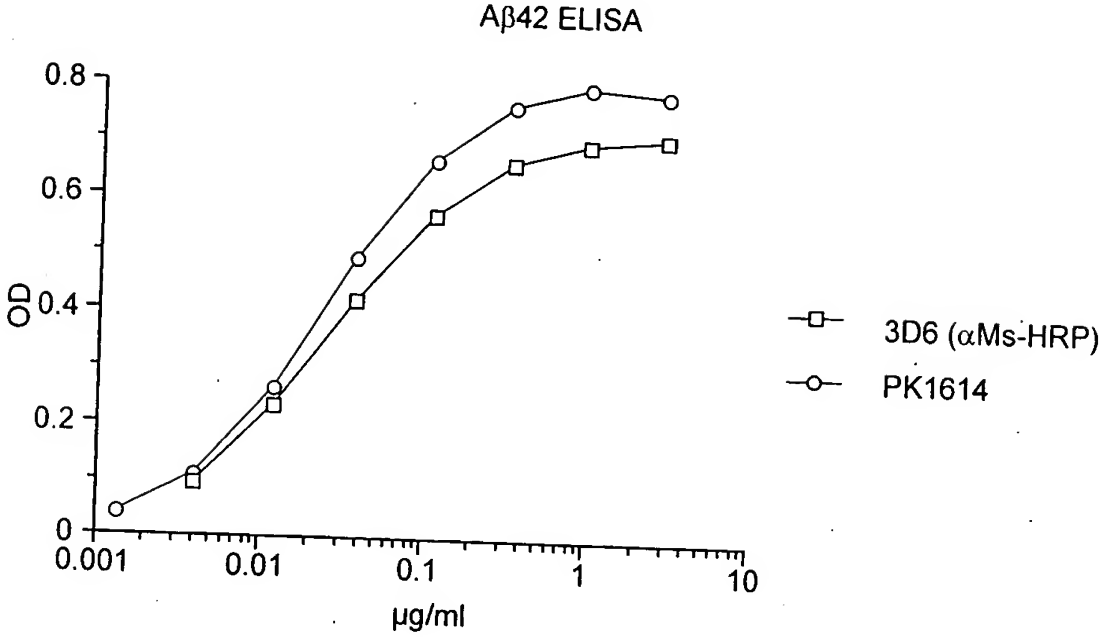

Aβ42 ELISA
0.8
0.6
0.4
0.2
0
OD
0.001
0.01
0.1
1
10
µg/ml
3D6 (αMs-HRP)
PK1614

FIG. 3B

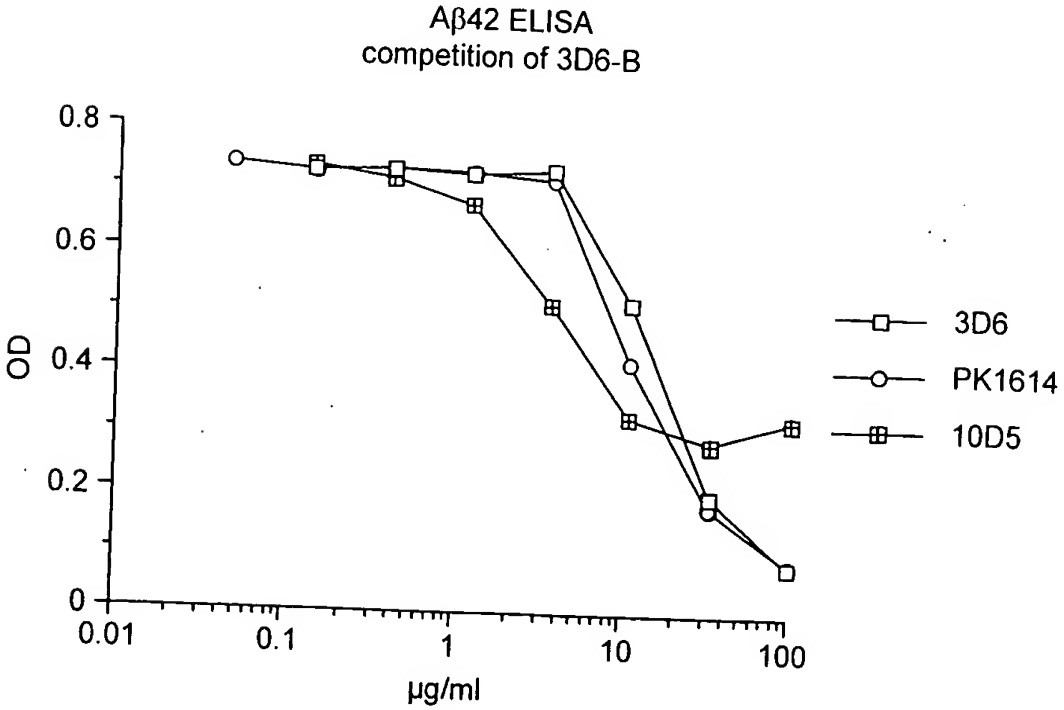
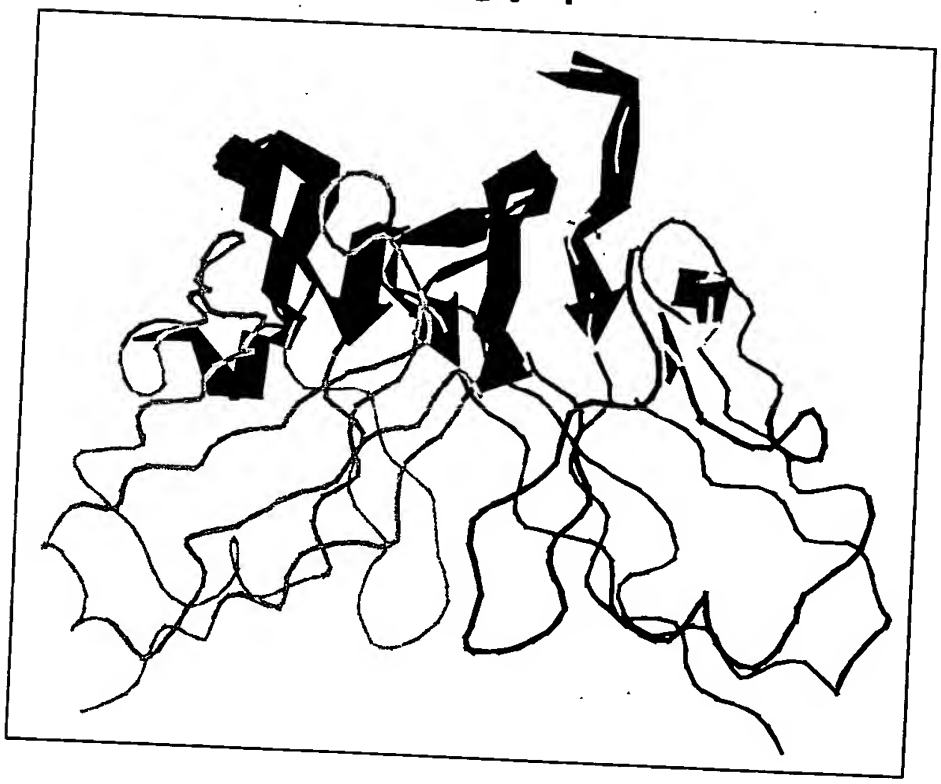

Aβ42 ELISA
competition of 3D6-B
0.8
0.6
0.4
0.2
0
OD
0.01
0.1
1
10
100
µg/ml
3D6
PK1614
10D5

FIG. 4



TOSOZT-2460T00T

FIG. 5A

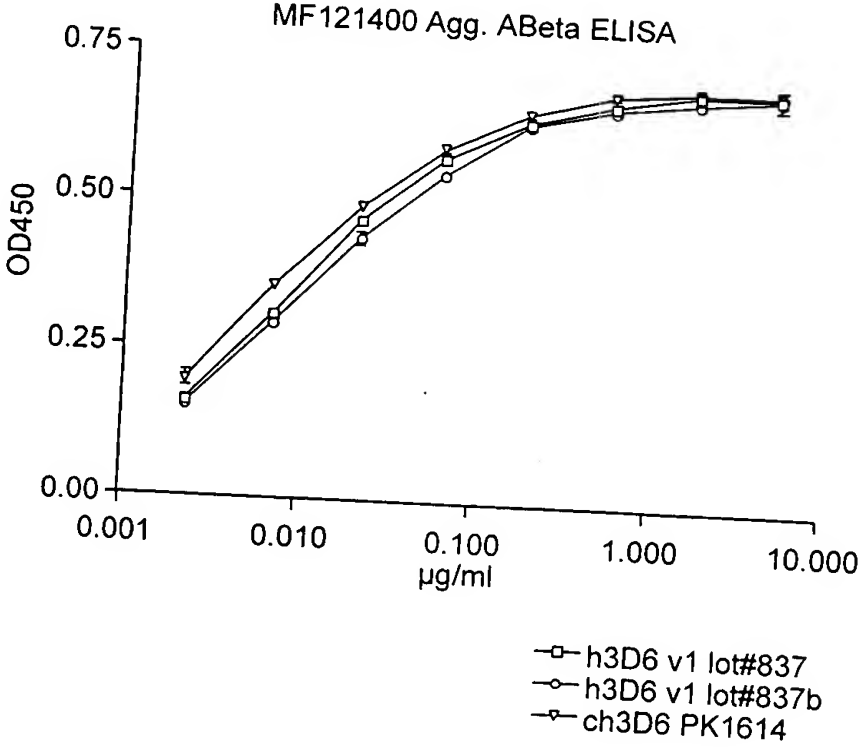


FIG. 5B

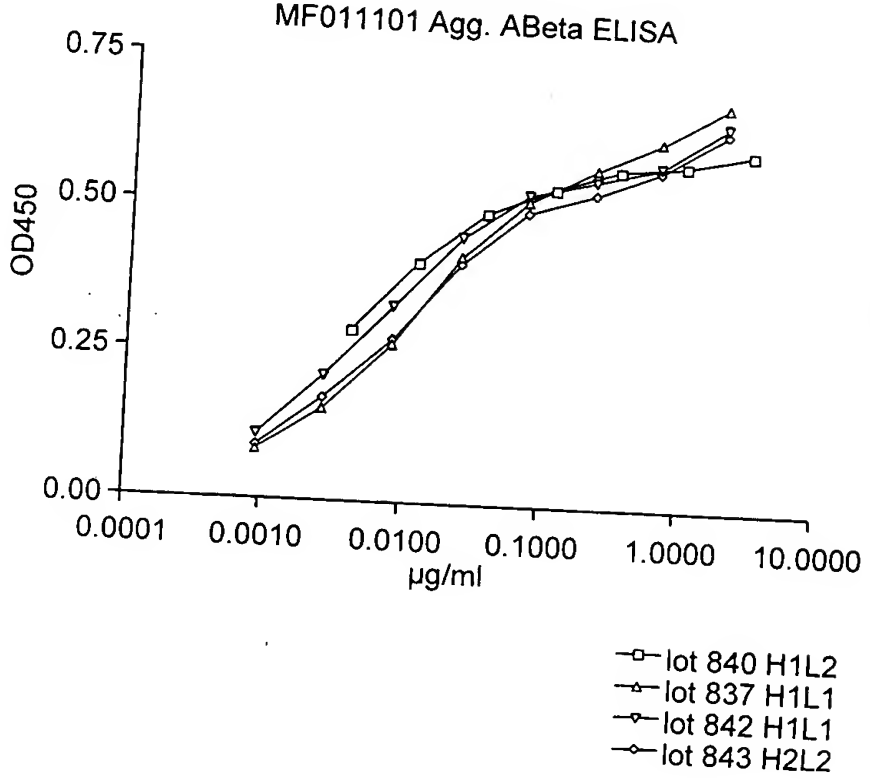
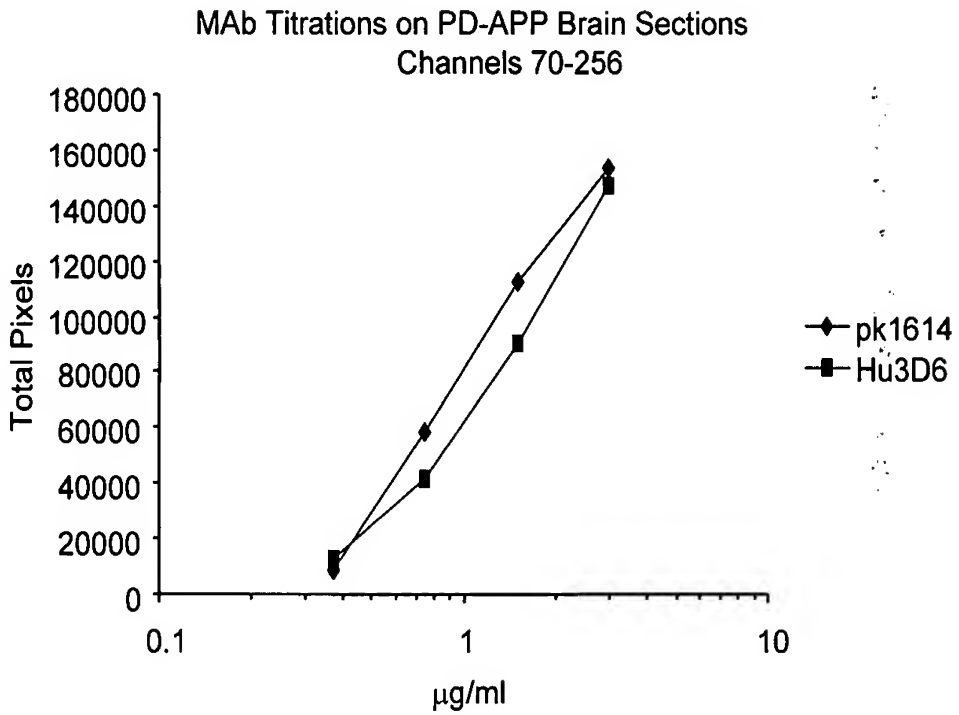


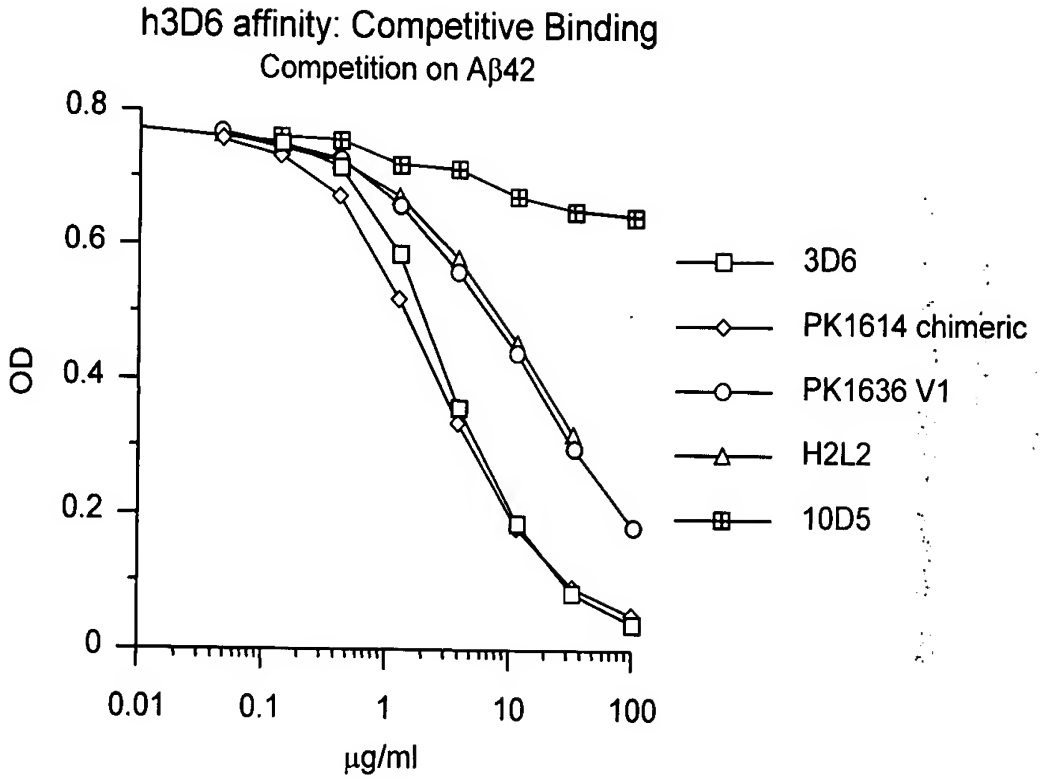
FIG. 6

Staining of PDAPP brain sections with humanized 3D6



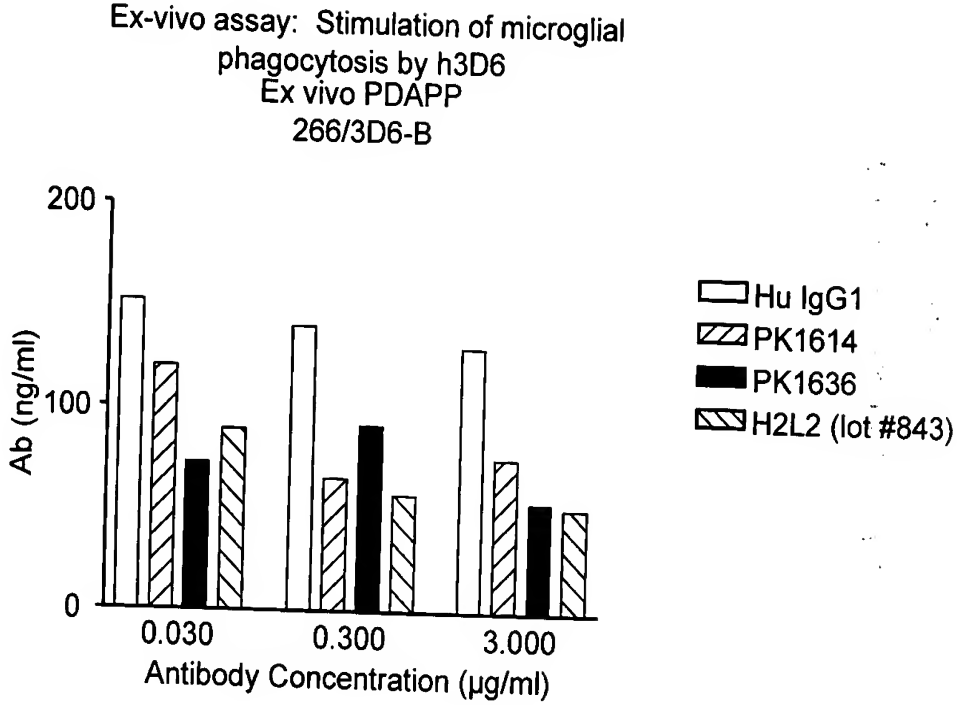
FD902F 24607001

FIG. 7



TD902F 2h60T00F

FIG. 8



F09027 "2460702

FIG. 9

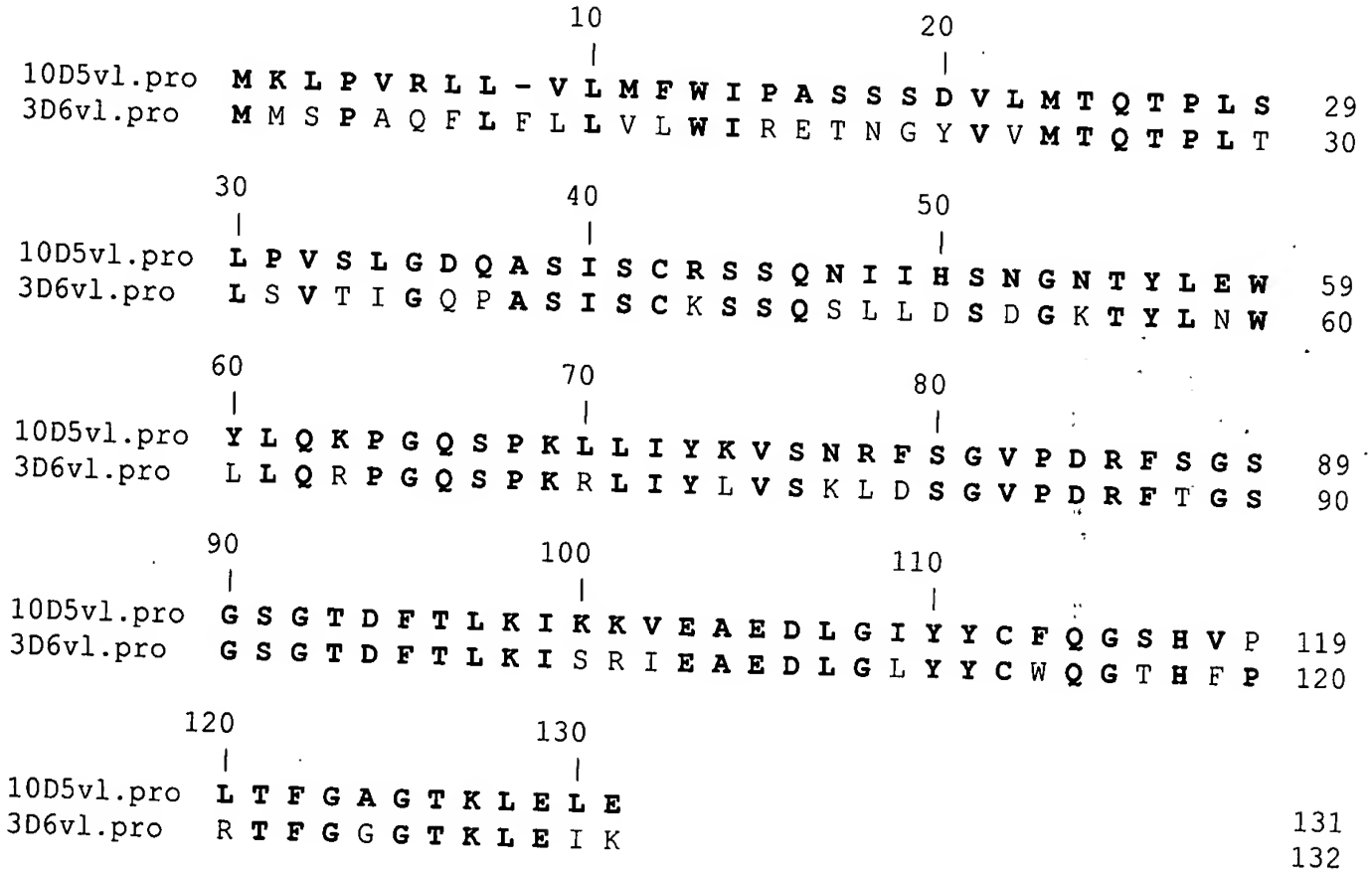
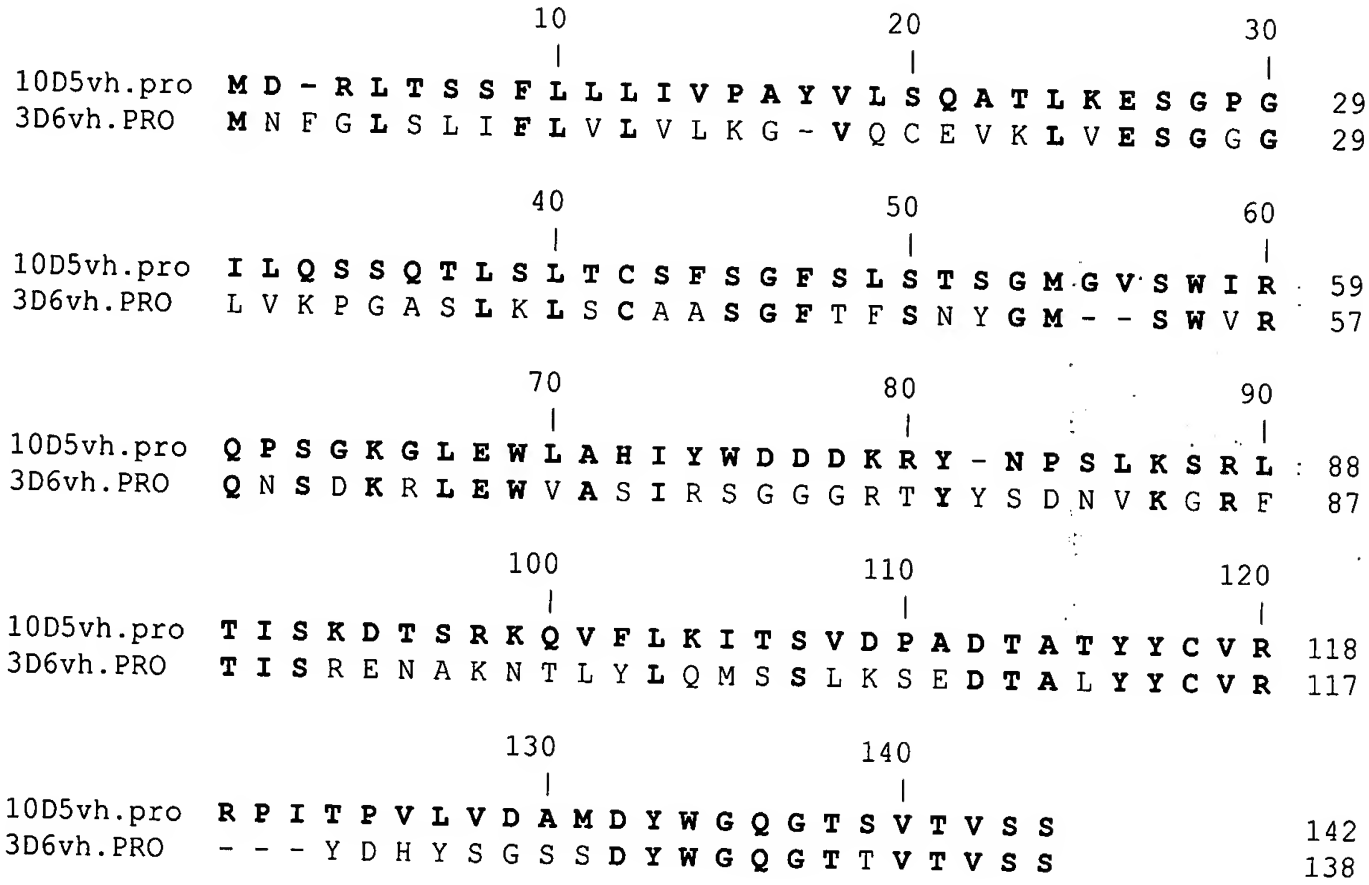


FIG. 10


10
20
30
10D5vh.pro M D - R L T S S F L L L I V P A Y V L S Q A T L K E S G P G 29
3D6vh.PRO M N F G L S L I F L V L V L K G - V Q C E V K L V E S G G G 29
40
50
60
10D5vh.pro I L Q S S Q T L S L T C S F S G F S L S T S G M G V S W I R 59
3D6vh.PRO L V K P G A S L K L S C A A S G F T F S N Y G M - - S W V R 57
70
80
90
10D5vh.pro Q P S G K G L E W L A H I Y W D D D K R Y - N P S L K S R L 88
3D6vh.PRO Q N S D K R L E W V A S I R S G G G R T Y Y S D N V K G R F 87
100
110
120
10D5vh.pro T I S K D T S R K Q V F L K I T S V D P A D T A T Y Y C V R 118
3D6vh.PRO T I S R E N A K N T L Y L Q M S S L K S E D T A L Y Y C V R 117
130
140
10D5vh.pro R P I T P V L V D A M D Y W G Q G T S V T V S S 142
3D6vh.PRO - - - Y D H Y S G S S D Y W G Q G T T V T V S S 138